

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-8 (canceled).

Claim 9. (previously presented): A method for transmitting data with a defined number of bits via a physical channel in a communications system, the physical channel being used by at least one first communication device and one second communication device, the method comprising:

providing that the data to be transmitted is composed of load data and identification data for identifying the second communication device;

separately coding the load data and the identification data from each other using convolutional coding, wherein a same number of bits is produced after the coding operation for the load data and the identification data;

linking the coded load data and the coded identification data with each other via an XOR linking operation; and

matching a rate of the linked data to the number of bits defined for the physical channel using a rate matching pattern either immediately before or immediately after the XOR linking operation, the rate matching pattern defining which bits in a data stream are punctured or repeated, wherein the rate matching pattern for the load data and the identification data is identical.

Claim 10. (previously presented): A method for transmitting data as claimed in claim 9, wherein the coding operation supplies a bit sequence of bits 1 to n in a defined time window by which the rate is defined, and rate matching is performed via a rate matching pattern by which individual bits in the bit sequence are punctured.

Claim 11. (previously presented): A method for transmitting data as claimed in claim 9, wherein the physical channel is a High Speed Shared Control Channel.

Claim ~~13~~12. (currently amended): A method for transmitting data as claimed in claim 9, wherein the identification data is an identification number of a communication device.

Claim ~~14~~13. (currently amended): A method for transmitting data as claimed in claim 10, wherein the rate matching occurs using a rate matching pattern by which bits at positions 1, 2, 4, 8, 42, 45, 47 and 48 are punctured in a bit sequence consisting of $n = 48$ bits.

Claim ~~15~~14. (currently amended): A method for transmitting data as claimed in claim 14, wherein a position of the bits being punctured is shifted by a whole number k , where $0 < k \leq$.

Claim ~~16~~15. (currently amended): A method for transmitting data as claimed in claim 9, wherein linking is bit-by-bit linking.

Claim 16. (canceled).